

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L4 | 895 | (343/846).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/31 20:28 |
| L5 | 5313 | (343/700ms,702).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/31 20:28 |
| L6 | 585 | L4 and L5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 20:28 |
| L7 | 529 | L4 and L5 and L6 and ground | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 20:28 |
| L8 | 94 | L4 and L5 and L6 and (ground near (substrate dielectric)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 20:28 |
| L9 | 229 | L4 and L5 and L6 and (ground near2 (substrate dielectric)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 20:29 |
| L10 | 229 | L4 and L5 and L6 and (ground near2 (substrate dielectric\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 20:29 |
| L11 | 198 | L4 and L5 and L6 and (ground near2 (substrate dielectric\$3)) and ((@ad <"20030411") (@rlad <"20030411")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 20:32 |
| L12 | 198 | L6 and (ground near2 (substrate dielectric\$3)) and ((@ad <"20030411") (@rlad <"20030411")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 20:58 |

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| L13 | 411 | L5 and (ground near2 (substrate dielectric\$3)) and ((@ad <"20030411") (@rlad <"20030411")) and ((two second upper) near (antenna radiator\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 21:01 |
| L14 | 328 | L5 and (ground near2 (substrate dielectric\$3)) and ((@ad <"20030411") (@rlad <"20030411")) and ((two second upper) near (antenna radiator\$2)) and (patch planar) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 21:19 |
| L15 | 46 | L5 and (ground near2 (substrate dielectric\$3)) and ((@ad <"20030411") (@rlad <"20030411")) and ((two second upper) near (antenna radiator\$2)) and (patch planar) and ring | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 21:19 |
| S1 | 2 | ("5084894").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 14:54 |
| S2 | 2 | ("5764670").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 17:33 |
| S3 | 2 | ("20040239568").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 17:39 |
| S4 | 21 | ground and planar and feed\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 17:40 |
| S5 | 20649 | ground and planar and feed\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 17:40 |
| S6 | 24424 | ("343").CLAS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 17:40 |
| S7 | 2464 | S5 and S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 17:42 |

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| S8 | 1630 | S5 and S6 and space | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 17:44 |
| S9 | 3289 | (343/700ms).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 17:44 |
| S10 | 765 | S9 and S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 17:51 |
| S11 | 20649 | ground and planar and feed\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 17:52 |
| S12 | 24424 | ("343").CLAS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 17:52 |
| S13 | 1630 | S11 and S12 and space | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 21:11 |
| S14 | 3289 | (343/700ms).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 17:52 |
| S15 | 724 | S14 and S13 and ((@ad <"20031104") (@rlad <"20031104")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 17:55 |
| S16 | 679 | S14 and S13 and ((@ad <"20031104") (@rlad <"20031104")) and (substrate dielectric) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 17:55 |
| S17 | 98 | S14 and S13 and ((@ad <"20031104") (@rlad <"20031104")) and ((substrate dielectric) near ground\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 18:00 |

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| S18 | 49 | S14 and S13 and (((@ad <"20031104") (@rlad <"20031104")) and ((substrate dielectric) near ground\$) and upper | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 21:12 |
| S19 | 20649 | ground and planar and feed\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 21:12 |
| S20 | 24424 | ("343").CLAS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 21:12 |
| S21 | 1630 | S19 and S20 and space and ((second upper) (planar patch antenna)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 21:12 |
| S22 | 678 | S19 and S20 and space and ((second upper) near (planar patch antenna)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 21:12 |
| S23 | 638 | S19 and S20 and space and ((second upper) near (planar patch antenna)) and (((@ad <"20031104") (@rlad <"20031104"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 21:19 |
| S24 | 593 | S19 and S20 and space and ((second upper) near (planar patch antenna)) and (((@ad <"20030411") (@rlad <"20030411"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 21:25 |
| S25 | 895 | (343/846).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 21:26 |
| S26 | 5313 | (343/700ms,702).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/30 21:26 |
| S27 | 585 | S25 and S26 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 21:26 |

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| S28 | 585 | S25 and S26 and S27 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 20:28 |
| S29 | 69 | S25 and S26 and S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 14:20 |
| S30 | 4 | (("5764670") or ("5084894")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/31 14:32 |
| S31 | 2 | ("6108362").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/31 14:33 |